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**REMARKS**

The substitute sequence listing is submitted in response to the raw sequence error report that was mailed to the Applicants without any formal office action and without any set statutory period for response. The substitute sequence listing puts the application in better compliance with the sequence rules set out in 37 CFR § 1.821-1.825. The amino acid numbering on SEQ ID NOS: 2, 4, 6 was corrected, the nucleotides denoted as "N" are defined as any amino acid (A or T or C or G) in SEQ ID NO: 18, and the number of nucleotides was corrected in SEQ ID NO: 19. The content of all sequences in the substitute sequence listing is identical to the sequence listing as originally filed and therefore the substitute sequence listing adds no new matter. I hereby state that the contents of the paper and computer readable copies of the sequence listing are identical.

Respectfully submitted,

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